

## Billerud Flute®

SC FLUTING

### Product Description

Billerud Flute® is a superior Semi Chemical Fluting based on 100% primary fibres. Characteristics include extreme strength and consistent quality, which makes it suitable for the most demanding applications.

### Grammages

120, 130, 140, 150, 160, 175, 220 g/m<sup>2</sup>

### Approvals

Billerud Flute® is produced in compliance with FDA and BfR food packaging norms.

### Certification

Production is certified in accordance with ISO 9001, ISO 14001, ISO 50001 and FSSC 22000.

Property	Unit	120	130	140	Method
Grammage	g/m <sup>2</sup>	120	130	140	ISO 536
Caliper	µm	165	180	190	ISO 534
Air resistance	s	180	180	160	ISO 5636-5
CMT <sub>30</sub>	N	295	340	395	ISO 7263
CCT	kN/m	2,8	3,1	3,4	ISO 16945
Creep-CCT10	CD kg/m	57	63	70	Billerud*
SCT	MD kN/m	6,2	6,7	7,2	ISO 9895
	CD kN/m	3,4	3,7	4,0	
Tensile	MD kN/m	1240	1330	1400	ISO 1924
	CD kN/m	440	480	510	
Burst strength	kPa	610	650	700	ISO 2758
Moisture	%	10	10	10	ISO 287

MD = Machine Direction    CD = Cross Direction    Test climate: 50% RH, 23°C

The table show typical data.

Rev. 202402

\*Creep is defined as the slow continuous deformation of a material subjected to constant load during a long time. The CCT10 value is defined as the corresponding CCT load the material can carry for 10 days (240 hours) in 20°C and 90 % RH.

## Billerud Flute®

SC FLUTING

### Product Description

Billerud Flute® is a superior Semi Chemical Fluting based on 100% primary fibres. Characteristics include extreme strength and consistent quality, which makes it suitable for the most demanding applications.

### Grammages

120, 130, 140, 150, 160, 175, 220 g/m<sup>2</sup>

### Approvals

Billerud Flute® is produced in compliance with FDA and BfR food packaging norms.

### Certification

Production is certified in accordance with ISO 9001, ISO 14001, ISO 50001 and FSSC 22000.

Property	Unit						Method
Grammage	g/m <sup>2</sup>	150	160	175	220		ISO 536
Caliper	µm	205	220	240	300		ISO 534
Air resistance	s	160	160	140	140		ISO 5636-5
CMT <sub>30</sub>	N	435	480	(520)	-		ISO 7263
CCT	kN/m	3,7	4,0	4,4	5,8		ISO 16945
Creep-CCT10	CD kg/m	77	83	89	124		Billerud*
SCT	MD kN/m	7,6	8,1	8,7	10,7		ISO 9895
	CD kN/m	4,3	4,7	5,1	6,4		
Tensile	MD kN/m	1460	1530	1660	1960		ISO 1924
	CD kN/m	540	580	630	760		
Burst strength	kPa	730	760	810	930		ISO 2758
Moisture	%	10	10	10	10		ISO 287

MD = Machine Direction CD = Cross Direction Test climate: 50% RH, 23°C

The table show typical data.

Rev. 202402

\*Creep is defined as the slow continuous deformation of a material subjected to constant load during a long time. The CCT10 value is defined as the corresponding CCT load the material can carry for 10 days (240 hours) in 20°C and 90 % RH.